

Irwin Creek Greenway West Blvd. to Remount Road Public Meeting



**Mecklenburg County
Park and Recreation**
*The Natural Place
To Be...*
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LANDSCAPE ARCHITECTURE • ARCHITECTURE • ENGINEERING • PLANNING

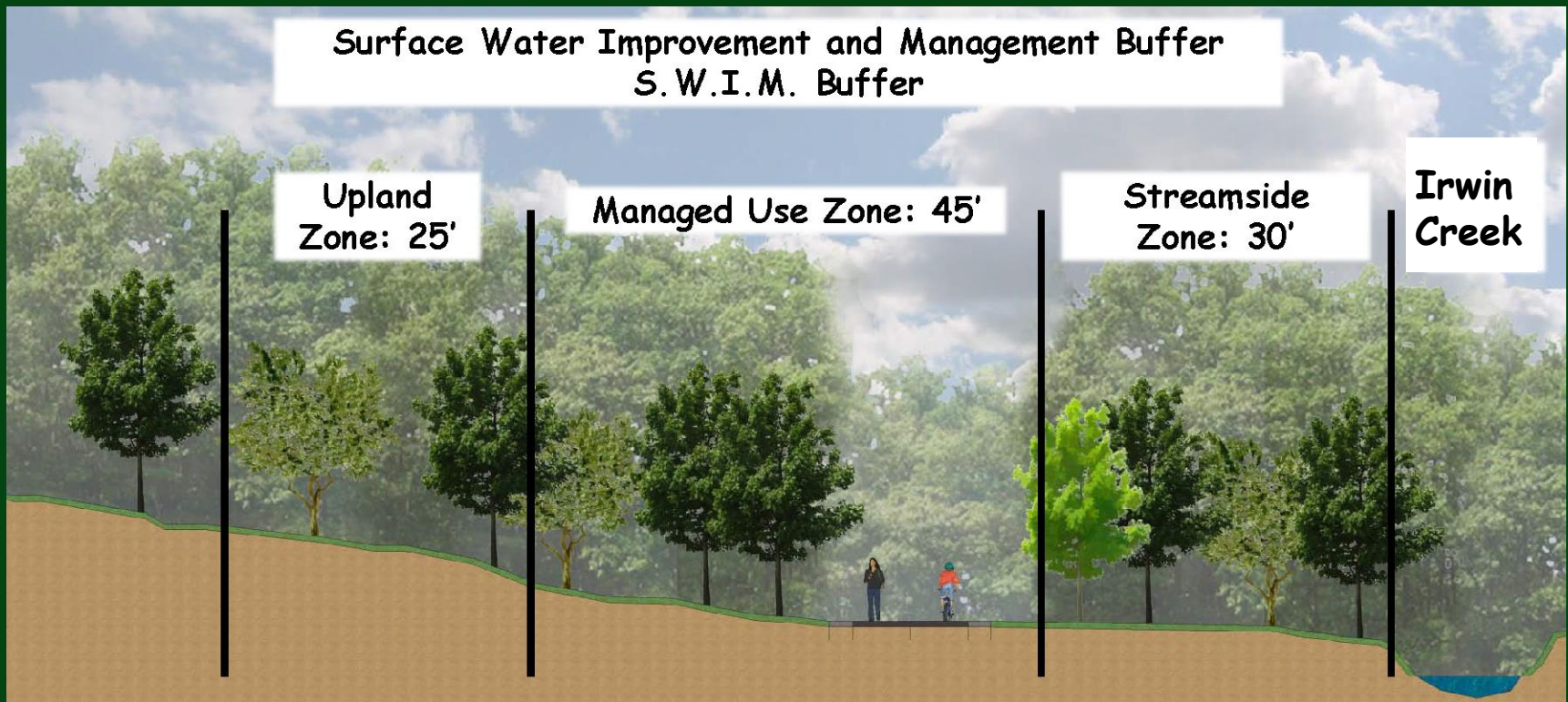
What is a Greenway?

- Active Transportation
- Linear Public Park
- Recreation
- Health and Fitness
- Desirable Amenity
- Access to destinations
- Creates a Sense of Community
- County standard is a 10' wide asphalt trail conforming to AASHTO and ADA for recreational trails.
- 37 miles are complete and open
- Mecklenburg County Greenway Plan currently calls for 185 miles.



Trail Cross-Sections

Typical Greenway Trail



- Buffer width determined by size of watershed
- Measured from top of creek bank
- Located on both sides of Creek
- Irwin Creek S.W.I.M. Buffer: 100'

Master Plan for Irwin Creek Greenway



Project History

- Phases of Irwin Creek Greenway were opened to the public from 2008-2010. The existing Irwin Creek Greenway connects Revolution Sports and Learning Academy to Clanton Community Park.
- This creek is a corridor on the Mecklenburg County Park and Recreation Master Plan adopted by the Board of County Commissioners in 2008.
- This project was approved by the citizens as part of the 2008 Park and Recreation Bond Referendum, however the economic conditions did not allow the project to proceed.
- In June 2014 the Board approved funding for this section of Irwin Creek Greenway, West Rd. to existing Irwin Creek Greenway at Revolution Sports and Learning Academy.

Process

- Workshop #1 Monday May 12, 2014 - Preliminary Design
- Address opportunities and concerns.
- Workshop #2 Anticipated in fall 2014- Approximately 50% Design
- Address opportunities and concerns.
- Complete design, permit, bid and construct project.
- Anticipate 12-18 months to complete.

Why Do We Need Greenways and Open Space in Our Communities?

- We have an emotional attachment to the land.
- We need places to refresh and renew the human spirit.
- We need varied spaces to maintain a high standard of living.
- Diversity in ecosystems promotes a healthy environment for all.

What Are Some of the Benefits of Open Space and Greenways?

- Provide habitat and corridors for wildlife.
- Protect critical plant communities.
- Provide flood storage and cleansing runoff entering streams and rivers.
- Provide pleasing vistas and corridors for motorists, and pedestrians.
- Provide ground water recharge areas.
- Clean the air.
- Provide relief from environmental stress.
- Provide recreation opportunities.
- Provide alternative transportation opportunities.

What Are Some of the Common Elements Found Along Greenways?

- Trailheads where you access the trail
- Benches and trash receptacles at trailheads and rest areas along the trail
- Bridges and Boardwalks
- Interpretive signage
- Identification maps and exhibits
- Bicycle racks
- Boat and canoe access points

Typical Greenway Trail Pictures



Typical Greenway Trail Pictures



Typical Greenway Trails Within Utility Easements



Typical Stream Crossings and Boardwalks



Trail with Grade Separation



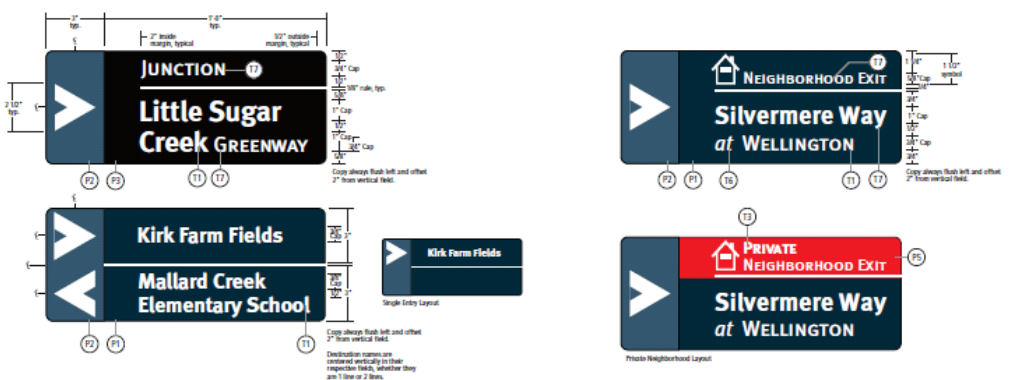
Pre-Engineered Bridges, Restroom and Boardwalks



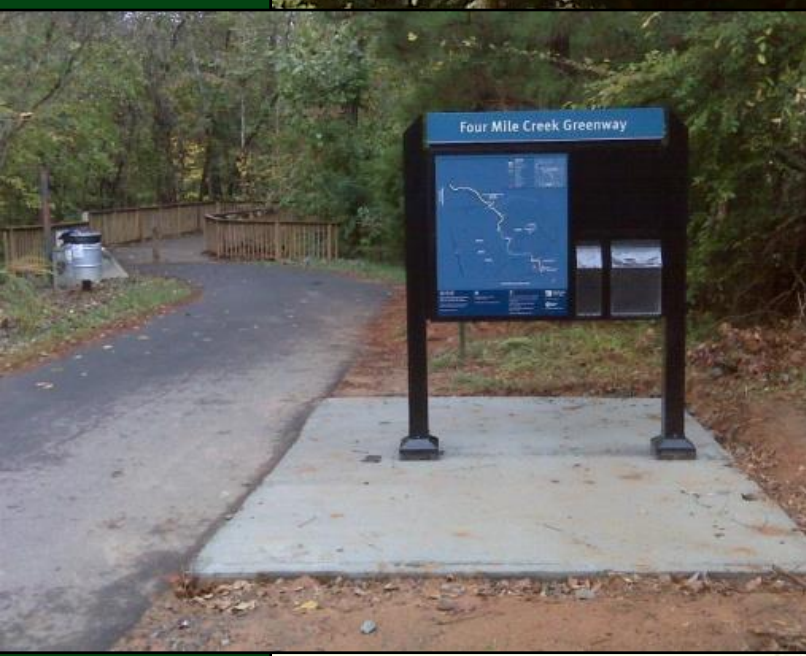
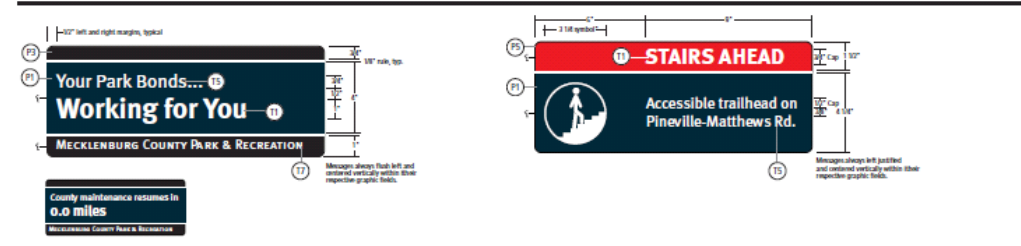
Greenway Trail Underpass



Wayfinding

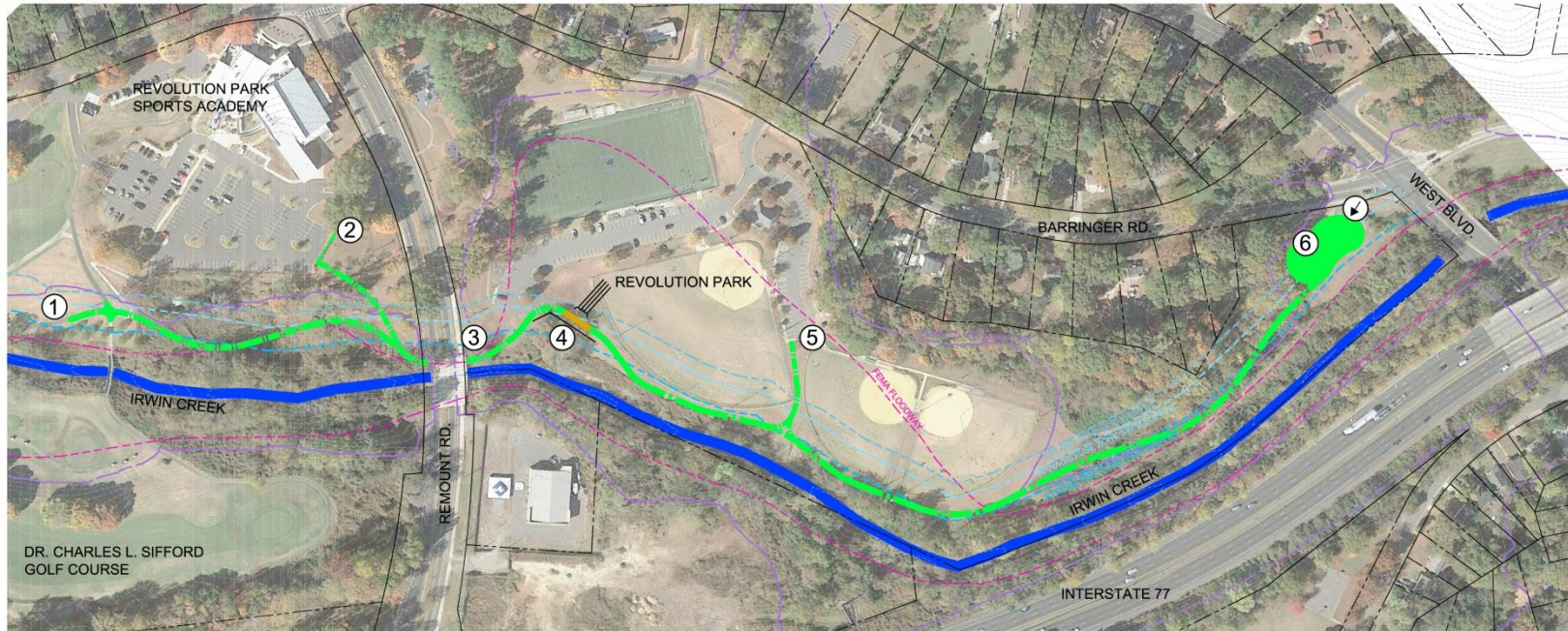


T-3.1 GRAPHIC LAYOUTS All layouts depict center-mount signs. Sign panels have graphics on one side only.



Preliminary Master Plan

IRWIN CREEK GREENWAY EXTENSION-REMOUNT RD. TO WEST BLVD.



TRAIL CROSS SECTIONS TYPICAL GREENWAY TRAIL

- * BUFFER WIDTH DETERMINED BY WATERSHED SIZE
- * MEASURED FROM TOP OF CREEK BANK
- * LOCATED ON BOTH SIDES OF THE CREEK
- * IRWIN CREEK S.W.I.M. BUFFER-100'



SURFACE WATER IMPROVEMENT AND MANAGEMENT (S.W.I.M.) BUFFER

① CONNECTION TO EXISTING GREENWAY

- * ADDRESS DRAINAGE ISSUES AT EXISTING TRAIL
- * RECONFIGURE TRAIL INTERSECTION

② SPUR CONNECTION TO PARKING

- * CONNECT TO EXISTING PARKING LOT AT REVOLUTION SPORTS ACADEMY

③ REMOUNT ROAD SEPARATED CROSSING

- * TRAIL PASSES UNDER REMOUNT ROAD BRIDGE
- * REQUIRES CONSTRUCTION OF RETAINING WALLS, RAISED DECKS, AND OTHER FEATURES BELOW THE BRIDGE.

④ TRAIL BRIDGE

- * PROVIDE BRIDGE TO SPAN NEW DRAINAGE WORK

⑤ SPUR CONNECTION TO PARKING

- * CONNECT TO EXISTING PARKING LOT AT BALLFIELDS

⑥ BARRINGER ROAD MINI-PARK

- * SEE PHOTO ENLARGEMENT SHEET FOR PHOTOGRAPH LOCATION

- * TRAIL ENTERS PARK AND TERMINATES AT WEST BLVD. INTERSECTION.
- * PARK MAY CONTAIN BENCHES, LAWN, SHADE, LANDSCAPING, AND OTHER FEATURES TO IMPROVE NEIGHBORHOOD AND PROVIDE RESTING PLACE ALONG THE GREENWAY.

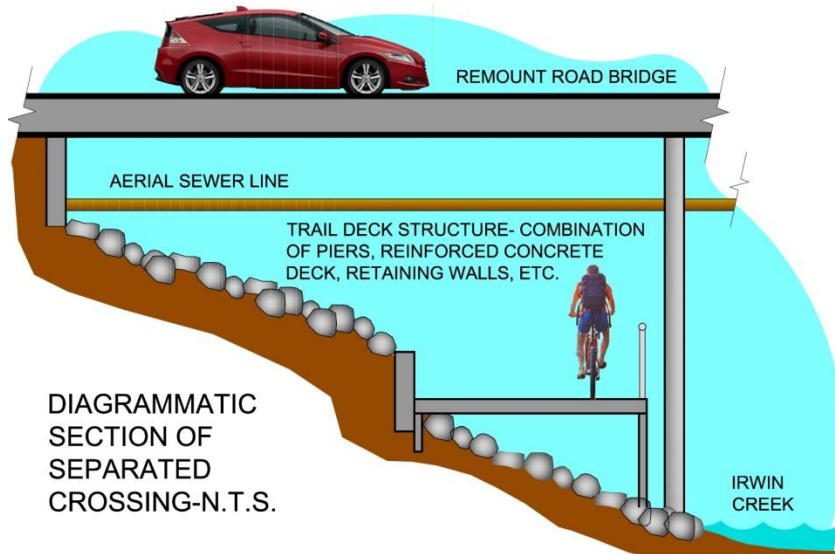


Preliminary Master Plan

EXISTING CONDITION PHOTO



EXISTING CONDITION PHOTO
SEE PLAN FOR PHOTO LOCATION



MINI-PARK DESIGN IDEAS

③ REMOUNT ROAD SEPARATED CROSSING

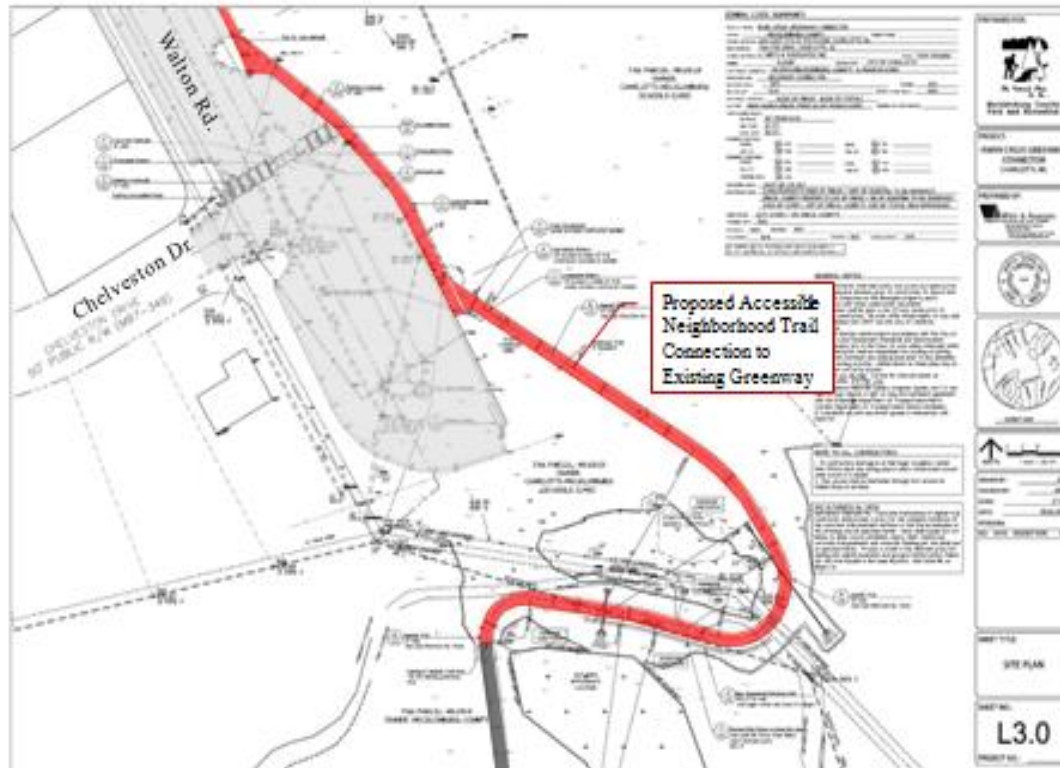
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- ° TRAIL ENTERS PARK AND TERMINATES AT WEST BLVD. INTERSECTION.
- ° PARK MAY CONTAIN BENCHES, LAWN, SHADE, LANDSCAPING, AND OTHER FEATURES TO IMPROVE NEIGHBORHOOD AND PROVIDE RESTING PLACE ALONG THE GREENWAY.

Barringer Academic Center Greenway Connector

*Irwin Greenway Connection at Barringer Academic Center-
Construction starts in June 2014*



Gwen Cook, RLA

Planner

Mecklenburg County Park and
Recreation

5841 Brookshire Boulevard

Charlotte, NC 28216

704-432-1570

Gwen.Cook@MecklenburgCountyNC.gov

Alicia Rocco, RLA

Project Manager

Mecklenburg County Asset and Facility
Management

3205 Freedom Drive, Suite 101

Charlotte, NC 28208

(704) 301-1165

Alicia.rocco@MecklenburgCountyNC.gov



Questions?